Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1 – 9 (cancelled)

Claim 10 (currently amended):   An installation (11) for purifying a cryogenic liquid, of the type comprising:

     a)   a liquid flow pipe (13) having an upstream portion (21) and a downstream portion (23); and

     b)   a filtration member (37) interposed between the upstream portion (21) and the downstream portion (23) and in which there is formed at least one duct (51) extending along a flow axis (Y-Y') between an <u>upstream</u> open end (53) and a <u>downstream</u> closed-off end (55), said duct being at least partially defined by a porous wall (57),

characterized by the implementation of the following measures:

     i)   the pipe (13) has a double-walled vacuum thermal insulation jacket (14) containing an insulation material in its inter-wall area, which jacket defines a flow space in a part of which the filtration member (37) is secured, ~~a first of said portions~~ <u>the upstream portion</u> (21) emerging into the <u>upstream</u> open end (53) of said duct (51) via interposed first sealing means (73), the ~~other of said portions~~ <u>the downstream portion</u> (23) emerging opposite ~~at least one~~ <u>a lateral region</u> (59) of the porous wall (57) <u>extending in the flow axis (Y-Y')</u>;

     ii)   the pipe (13) comprises a branch (35) extending parallel to said flow axis (Y-Y') between said ~~first~~ <u>upstream</u> portion (21) and a free end (49), said branch (35) containing at least part of the filtration member (37)

and a thermal insulation member (39) which is mounted so as to bear, on the one hand, on the <u>downstream</u> closed-off end (55) of the filtration member (37) and, on the other hand, on the free end (49) of said branch (35); and

iii)   downstream sealing means (75) are arranged between the filtration member (37) and the insulation member (39), these downstream sealing means (75) being maintained in compression by the filtration member (37) and the insulation member (39) at the temperature of the cryogenic liquid which is intended to be purified.

Claim 11 (currently amended):   The installation of claim 10, characterized in that said first sealing means (73) are maintained in compression by the filtration member (37) and said ~~first~~ <u>upstream</u> portion (21) at the temperature of the cryogenic liquid which is intended to be purified.

Claim 12 (currently amended):   The installation of claim 10, characterized in that the part (58) of the ~~first~~ <u>upstream</u> portion (21) adjacent to said open end (53) extends along the flow axis (Y-Y').

Claim 13 (previously presented): The installation of claim 10, characterized in that said first portion consists of said upstream portion (21), the angle formed by the general axis (X-X') of this upstream portion (21) and the flow axis (Y-Y') being between about 10° and about 30°.

Claim 14 (previously presented): The installation of claim 13, characterized in that said angle is substantially equal to 15°.

Claim 15 (previously presented): The installation (101) of claim 10, characterized in that the flow axis (Y-Y') is substantially vertical and in that said downstream portion

(23) emerges opposite a region (59) of the porous wall (57) in the vicinity of the closed-off end (55) of said filtration member (37), which is the upper end of this member (37).

Claim 16 (previously presented): The installation of claim 10, characterized in that a prefiltration member (27) having a pore size greater than or equal to 100 µm is arranged in the upstream portion (21) of the pipe (13).

Claim 17 (previously presented): The installation of claim 10, characterized in that said porous wall has a pore size which is less than or equal to 0.20 µm.

Claim 18 (canceled)